Attorney's Docket No.	

Combined Declaration and Power of Attorney

	As a below na	amed in	ventor, I hereby declare that:		
	This declarati	ion is of	the following type:		
	[X] original [] supplemental				
	• •	-	ge of PCT [] continuation []	continuation-in-part	
	My residence	, post o	ffice address and citizenship are a	as stated next to my name,	
#, # # # # # # # # # # # # # # # # # #	inventor (if plusought on the Raman Ampl System	ural nar inventi lificatio	nes are listed below) of the subject on entitled n Optical Fiber, Optical Fiber C	ly one name is listed below) or an originct matter which is claimed and for which coil, Raman Amplifier, and Optical Co	n a patent is
	the specificati	ion of w	hich		
FI Çi	ίχι	is attac	ched hereto.		
	[]	as		Number (if applicable)	
		was file	ed on PCT International Application Nu		and,
1	I hereby state		ave reviewed and understand the ed by any amendment referred to	e contents of the above-identified speciforabove.	ication, including
	I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.				
	application(s) designated at checking the b	for pate least or box, any	ent or inventor's certificate, or 365 ne country other than the United S	tates Code, Section 119(a)-(d) or 365(b) 5(a) of any PCT International application States, listed below and have also identi inventor's certificate, or PCT Internation nich priority is claimed.	n which ified below, by
		PRIOR	FOREIGN APPLICATIONS, BEI	NEFIT CLAIMED UNDER 35 USC §119	9(a)
	Application N	lumber	Country		Priority Claimed nder 35 USC 119
	P2001-08	33135	Japan	22 / March / 2001	X Yes No
					∐Yes ∐No

I hereby claim the benefit under Title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below.

PRIOR U.S. PROVISIONAL APPLICATIONS, BENEFIT CLAIMED UNDER 35 USC §119(e)

(Application No.)	(Filing Date)	(Application No.)	(Filing Date)
(Application No.)	(Filing Date)	(Application No.)	(Filing Date)
365(c) of any PCT Internal subject matter of each of the International application in 112, I acknowledge the du Code of Federal Regulation application and the national PRIOR	ational application designate the claims of this application the manner provided by the ty to disclose information vons, Section 1.56 which becal or PCT International filin U.S. APPLICATIONS OR	Code Section 120 of any United sing the United States, listed below is not disclosed in the prior United first paragraph of Title 35, Univhich is material to patentability came available between the filing g date of this application: PCT INTERNATIONAL APPLICATIONAL A	ow and, insofar as the nited States or PCT ited States Code Section as defined in Title 37, g date of the prior
(Application No.)	(Filing Date)	(Status: Patented, Po	ending, Abandoned)
(Application No.)	(Filing Date)	(Status: Patented, Po	ending, Abandoned)
Will & Emery included in		ereby appoint the registered prac vided below to prosecute this app ted therewith.	
	· · · · · · · · · · · · · · · · · · ·	Number 20277	

Customer Number 20277

Send Correspondence to: Customer Number 20277 McDermott, Will & Emery

600 13TH STREET, N.W. WASHINGTON, D.C., 20005-3096 Direct Telephone Calls to: 202-756-8000



I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

	Full Name	of sole or first inventor Eisuke SASAOKA	
	Inventor's s		Date
		Einake Dasaska	January, 25, 2002
	Residence	Yokohama-shi, Kanagawa, Japan	
	Citizenship	Japan	
	Post office	address c/o Yokohama Works of Sumitomo Electric Industries, Ltd.,	
		1, Taya-cho, Sakae-ku, Yokohama-shi, Kanagawa 244-8588 Japan	***
 ±.	Full Name s	second joint inventor, if any Motoki KAKUI	
HHII	Second inve	Me win Hazir	Jan. 29, 2002
II.		Yokohama-shi, Kanagawa, Japan	
	Citizenship	Japan	
	Post office a	address c/o Yokohama Works of Sumitomo Electric Industries, Ltd.,	
		1, Taya-cho, Sakae-ku, Yokohama-shi, Kanagawa 244-8588 Japan	
	Full Name th	nird joint inventor, if any Masashi ONISHI	
	Third invent	or's signature	Jamany, 28, 2002
	Residence	Yokohama-shi, Kanagawa, Japan	
	Citizenship	Japan	
	Post office a	olddress c/o Yokohama Works of Sumitomo Electric Industries, Ltd.,	
		1, Taya-cho, Sakae-ku, Yokohama-shi, Kanagawa 244-8588 Japan	
. [Full Name fo	ourth joint inventor, if any Toshiki TANAKA	
Ì	Fourth inven	tor's signature	Date
	Residence	Kawasaki-shi, Kanagawa, Japan	
	Citizenship	Japan	
Ì	Post office a	ddress c/o Fujitu Limited,	
		1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 Japan	

Attorne	s Docket No.	

Combined Declaration and Power of Attorney

	As a be	As a below named inventor, I hereby declare that:				
	This declaration is of the following type:					
	ιXi	orig	inal [] supplemental		
				ge of PCT [] continuation [] (continuation-in-part	
	My resid	dence	e, post o	ffice address and citizenship are as	s stated next to my name,	
	I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled Raman Amplification Optical Fiber, Optical Fiber Coil, Raman Amplifier, and Optical Communication System					
Ţ	the spec	ificat	ion of w	hich		
Į.	Ţ	χį	is attac	ched hereto.		
L.	Ī	1	was file as wa	ed on United States Application Serial N as amended on	lumber (if appli	and,
	ı]	was file	ed on		
			as	PCT International Application Nun	nber	and,
			Wa	is amended under PCT Article 19 o	on	(if applicable)
	I hereby : the claim	state s, as	that I h	ave reviewed and understand the c ed by any amendment referred to a	contents of the above-identified above.	specification, including
	l acknowl Federal F	ledge Regu	e the du	y to disclose information which is r Section 1.56.	material to patentability as defin	ed in Title 37, Code of
	designate checking	on(s) ed at the l	for pate least on	priority under Title 35, United Stat nt or inventor's certificate, or 365(a e country other than the United Sta foreign application for patent or in fore that of the application on whic	a) of any PCT International appliates, listed below and have also	ication which
			PRIOR	FOREIGN APPLICATIONS, BENE	EFIT CLAIMED UNDER 35 USC	\$ §119(a)
	Application	on N	umber	Country	Date of Filing (Day/Month/Year)	Priority Claimed Under 35 USC 119
	P200	1-08	3135	Japan	22 / March / 2001	XYes No
						Yes No

I hereby claim the benefit under Title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below.

PRIOR U.S. PROVISIONAL APPLICATIONS, BENEFIT CLAIMED UNDER 35 USC §119(e)

(Application No.)	(Filing Date)	(Application No.)	(Filing Date)
(Application No.)	(Filing Date)	(Application No.)	(Filing Date)
 365(c) of any PCT Internal subject matter of each of the International application in 112, I acknowledge the duty.	tional application designance claims of this application the manner provided by the todisclose information in Section 1.56 which be	Code Section 120 of any United Stating the United States, listed below on is not disclosed in the prior United the first paragraph of Title 35, United which is material to patentability as accame available between the filing and date of this application:	v and, insofar as the ed States or PCT ed States Code Section s defined in Title 37,
		PCT INTERNATIONAL APPLICA NEFIT CLAIMED UNDER 35 USC	

(Application No.)	(Filing Date)	(Status: Patented, Pending, Abandoned)
(Application No.)	(Filing Date)	(Status: Patented, Pending, Abandoned)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the registered practitioners of McDermott, Will & Emery included in the Customer Number provided below to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Customer Number 20277

Send Correspondence to: Customer Number 20277 McDermott, Will & Emery

600 13TH STREET, N.W. WASHINGTON, D.C., 20005-3096 Direct Telephone Calls to: 202-756-8000

F. ... IL





I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Eisuke SASAOKA Inventor's signature	Date
	Date
Residence	
Yokohama-shi, Kanagawa, Japan	
Citizenship Japan	•
Post office address c/o Yokohama Works of Sumitomo Electric Industries, Ltd.,	
1, Taya-cho, Sakae-ku, Yokohama-shi, Kanagawa 244-8588 Japan	
ull Name second joint inventor, if any	
Motoki KAKUI	
Second inventor's signature	Date
Residence Yokohama-shi, Kanagawa, Japan	
Citizenship Japan	
Post office address	
c/o Yokohama Works of Sumitomo Electric Industries, Ltd.,	
1, Taya-cho, Sakae-ku, Yokohama-shi, Kanagawa 244-8588 Japan	
Full Name third joint inventor, if any Masashi ONISHI	
'hird inventor's signature	Date
Residence Yokohama-shi, Kanagawa, Japan	
itizenship Japan	
ost office address c/o Yokohama Works of Sumitomo Electric Industries, Ltd.,	
1, Taya-cho, Sakae-ku, Yokohama-shi, Kanagawa 244-8588 Japan	
ull Name fourth joint inventor, if any Toshiki TANAKA	-
ourth inventor's signature	Date
田中 後 殺	January 29, 2002
esidence Kawasaki-shi, Kanagawa, Japan	UNIVINITY 21, 2002
itizenship Japan	
ost office address	
c/o Fujitu Limited,	

Full Name fifth joint inventor, if any	
Takao NAITO	January 28, 2002
Fifth inventor's signature	Date
内藤贵男	January 28, 2002
Residence	
Kawasaki-shi, Kanagawa, Japan	
Citizenship Japan	
Post office address	
c/o Fujitu Limited,	
1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 Japan	<u> </u>